

SEQUENCE LISTING

<110> Stern, David M.
Yan, Shi Du

<120> TRANSGENIC MICE OVER-EXPRESSING AMYLOID-BETA ALCOHOL
DEHYDROGENASE (ABAD) IN BRAIN AS MODEL OF ALZHEIMER'S
DISEASE AND USES THEREOF

<130> 0575/62429

<140> Not Yet Known

<141> 2000-08-14

<160> 7

<170> PatentIn Ver. 2.1

<210> 1

<211> 21

<212> PRT

<213> Rat

<400> 1

Ile Glu Asn Pro Phe Leu Asn Gly Glu Val Ile Arg Leu Asp Gly Ala
1 5 10 15

Ile Arg Met Gln Pro
20

<210> 2

<211> 261

<212> PRT

<213> Human

<400> 2

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1 5 10 15

Gly Gly Ala Ser Gly Leu Gly Leu Ala Thr Ala Glu Arg Leu Val Gly
20 25 30

Gln Gly Ala Ser Ala Val Leu Leu Asp Leu Pro Asn Ser Gly Gly Glu
35 40 45

Ala Gln Ala Lys Lys Leu Gly Asn Asn Cys Val Phe Ala Pro Ala Asp
50 55 60

Val Thr Ser Glu Lys Asp Val Gln Thr Ala Leu Ala Leu Ala Lys Gly
65 70 75 80

Lys Phe Gly Arg Val Asp Val Ala Val Asn Cys Ala Gly Ile Ala Val
85 90 95

Ala Ser Lys Thr Tyr Asn Leu Lys Lys Gly Gln Thr His Thr Leu Glu
100 105 110

Asp Phe Gln Arg Val Leu Asp Val Asn Leu Met Gly Thr Phe Asn Val
115 120 125

Ile Arg Leu Val Ala Gly Glu Met Gly Gln Asn Glu Pro Asp Gln Gly
130 135 140

Gly Gln Arg Gly Val Ile Ile Asn Thr Ala Ser Val Ala Ala Phe Glu
145 150 155 160

Gly Gln Val Gly Gln Ala Ala Tyr Ser Ala Ser Lys Gly Gly Ile Val
165 170 175

Gly Met Thr Leu Pro Ile Ala Arg Asp Leu Ala Pro Ile Gly Ile Arg
180 185 190

Val Met Thr Ile Ala Pro Gly Leu Phe Gly Thr Pro Leu Leu Thr Ser
195 200 205

Leu Pro Glu Lys Val Cys Asn Phe Leu Ala Ser Gln Val Pro Phe Pro
210 215 220

Ser Arg Leu Gly Asp Pro Ala Glu Tyr Ala His Leu Val Gln Ala Ile
225 230 235 240

Ile Glu Asn Pro Phe Leu Asn Gly Glu Val Ile Arg Leu Asp Gly Ala
245 250 255

Ile Arg Met Gln Pro
260

<210> 3

<211> 973

<212> DNA

<213> Human

<400> 3

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ctggatgggg ccattcgtat gcagccttga agggagaagg cagagaaaac acacgctcct 840
ctgcccttcc tttccctggg gtactactct ccagtcctgg gaggaagccc agtagccatt 900
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aaaaaaaaaa aaa 973

<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR Primers

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ggcagcagcg tgtcggagcg 20

<210> 5
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR Primers

<400> 5
agggcagagg agcgtgtgt 19

<210> 6
<211> 30
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR Primers

<400> 6

gacaagtatc tcgagacacc tggggatgag

30

<210> 7

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR Primers

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aaagaacttg taggttgat tttcgtacc

29

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